

Figure 1

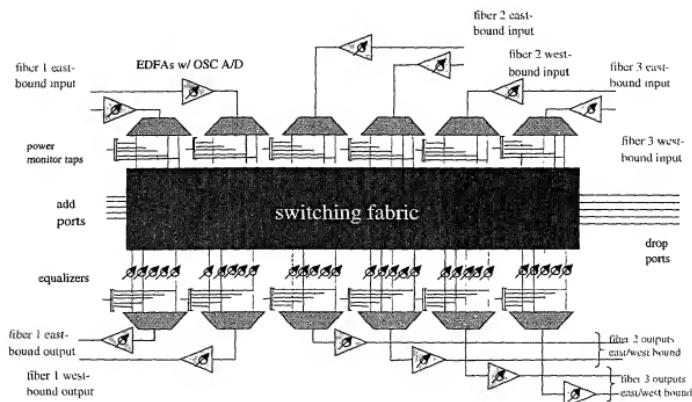


Figure 2

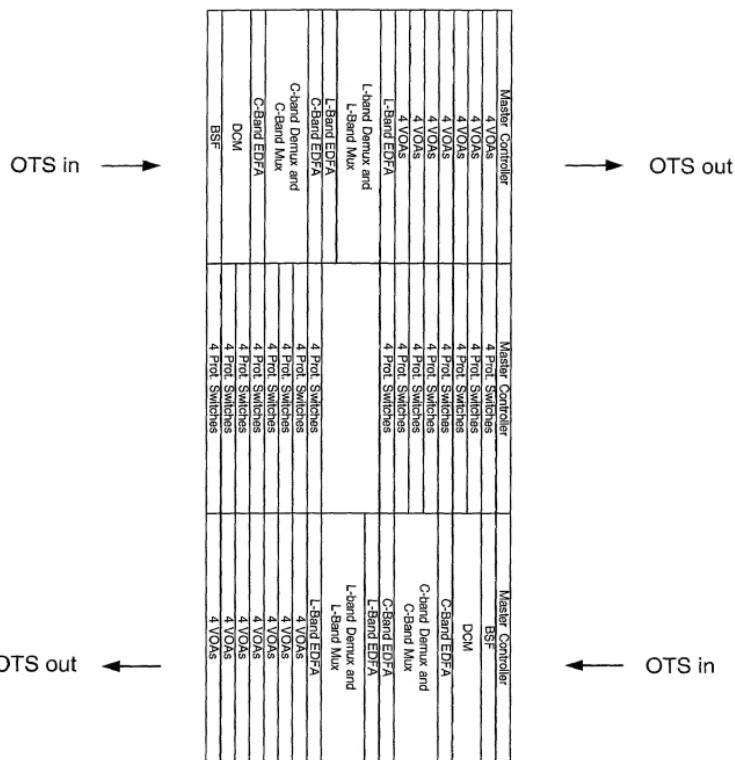


Figure 3

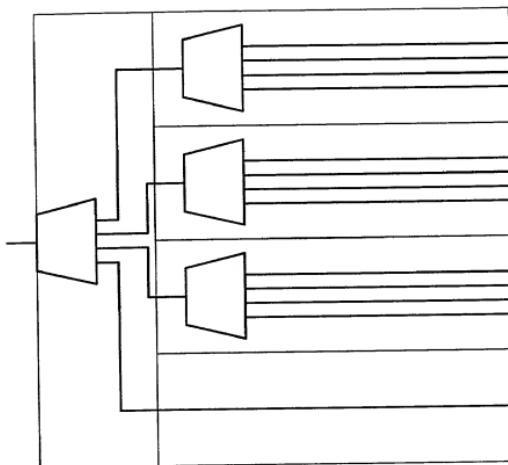


Figure 4

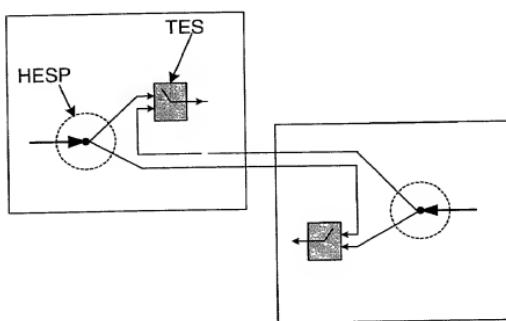


Figure 5

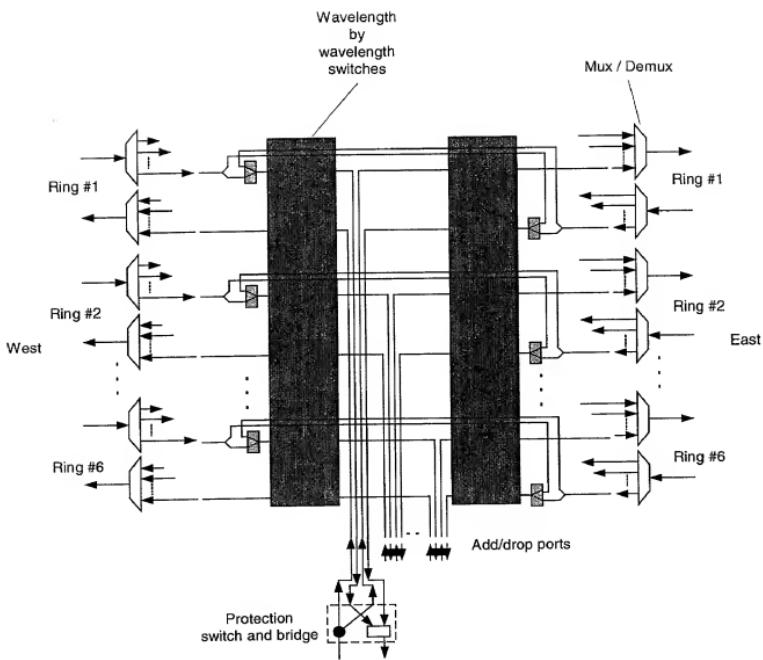


Figure 6

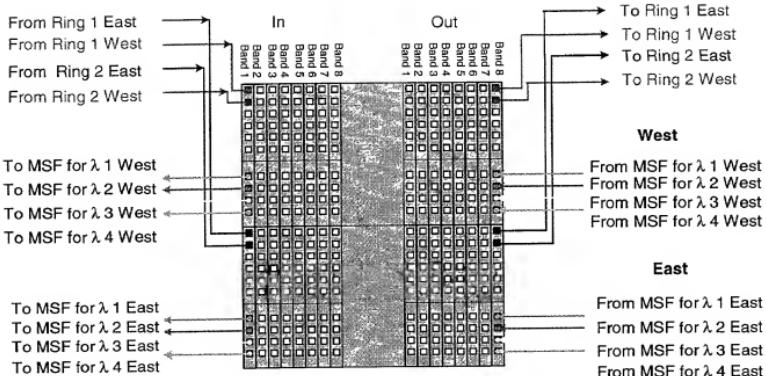


Figure 7

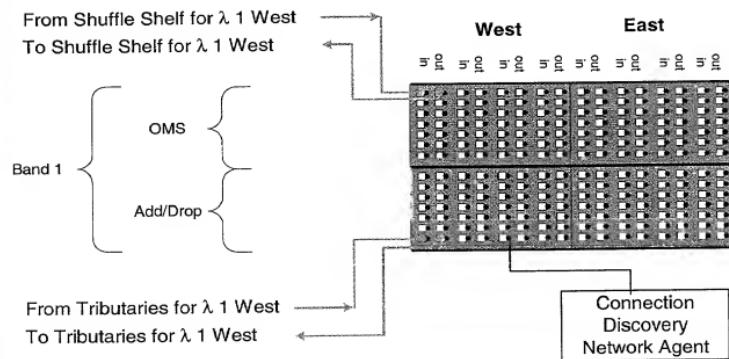


Figure 8

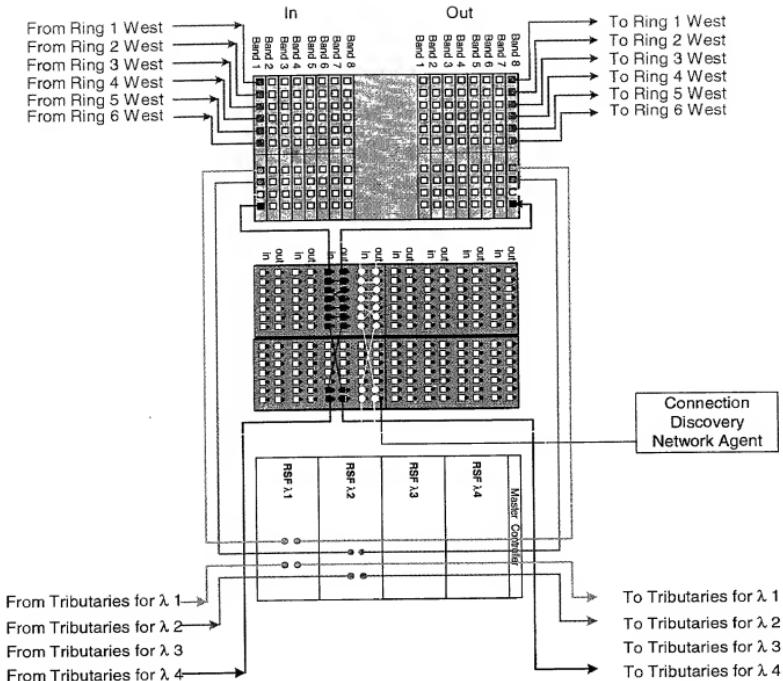


Figure 9

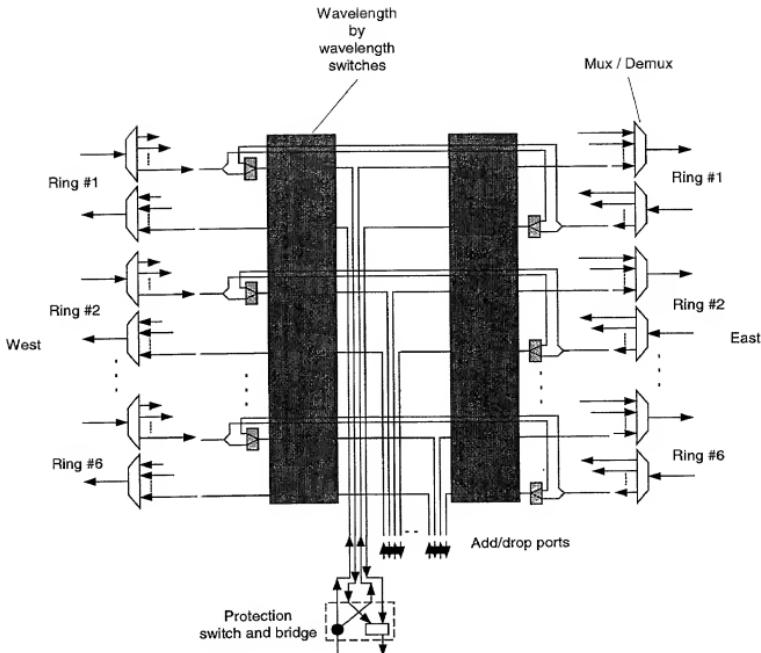


Figure 10

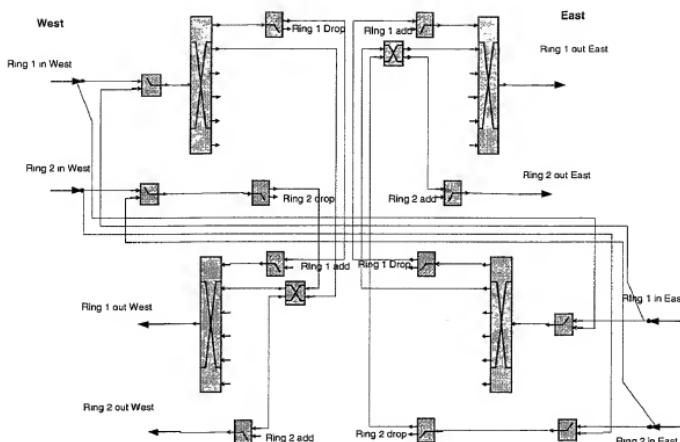


Figure 11

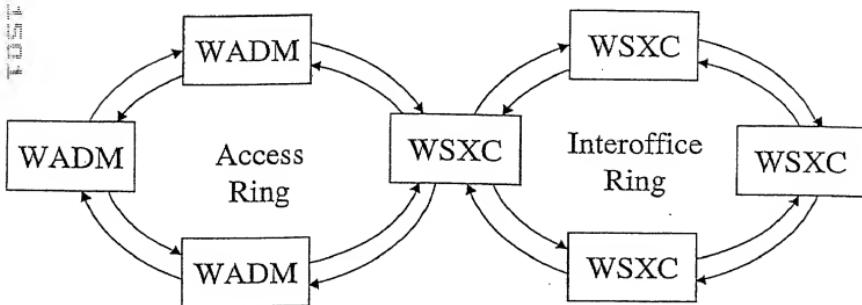


Figure 12

Tx OSC Transmitter
Rx OSC Receiver

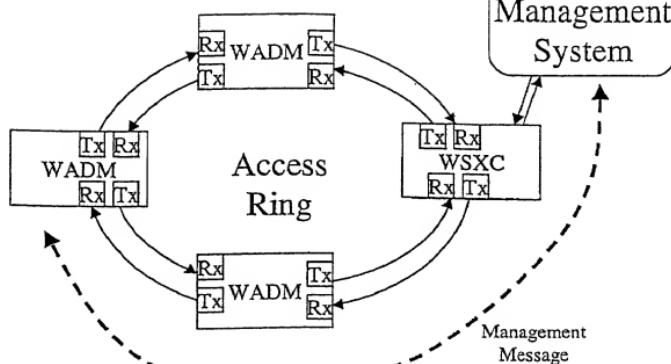


Figure 13

TEST SUITE: SH2005B100

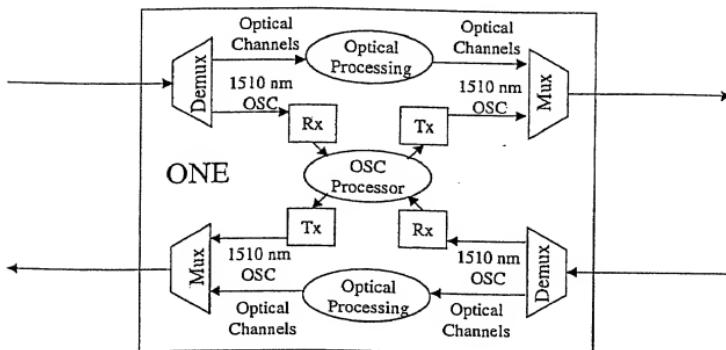


Figure 14

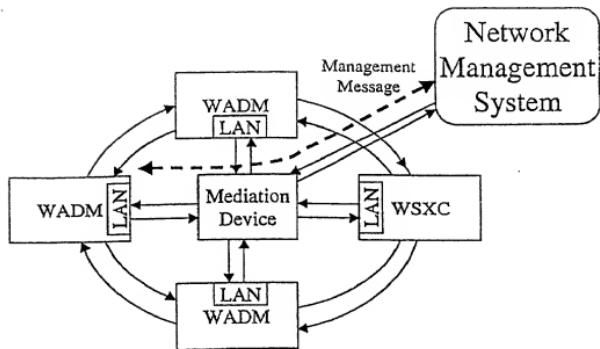


Figure 15

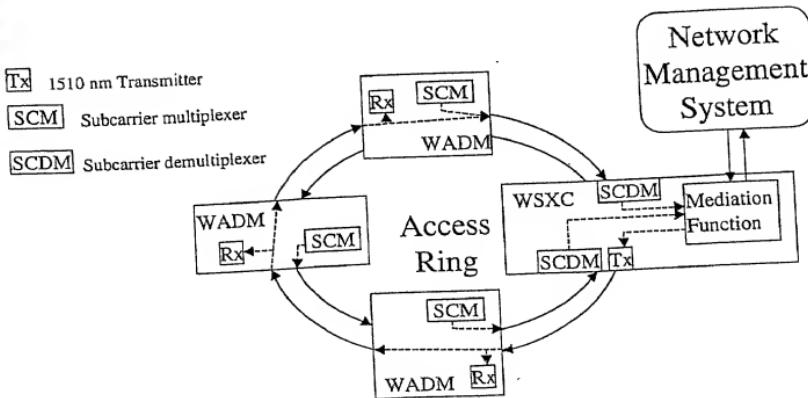


Figure 16

WADM Ring Structure

NMS to Ring Node 1	...	NMS to Ring Node N	Ring Node 1 to East Neighbor	Ring Node 1 to West Neighbor	...	Ring Node N to East Neighbor	Ring Node N to West Neighbor
--------------------	-----	--------------------	------------------------------	------------------------------	-----	------------------------------	------------------------------

Figure 17

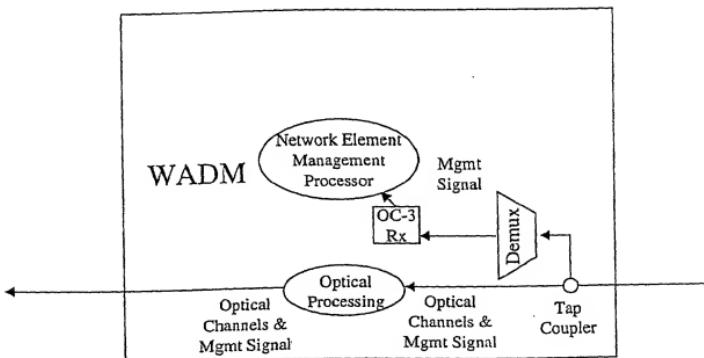


Figure 18

Ring Node J to East Neighbor	Ring Node J to West Neighbor	Ring Node J to NMS
---------------------------------	---------------------------------	-----------------------

Figure 19

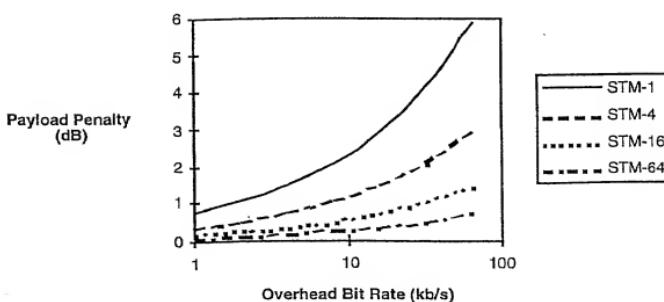


Figure 20

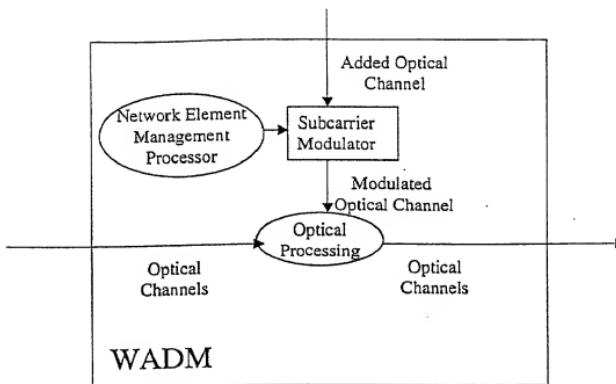


Figure 21

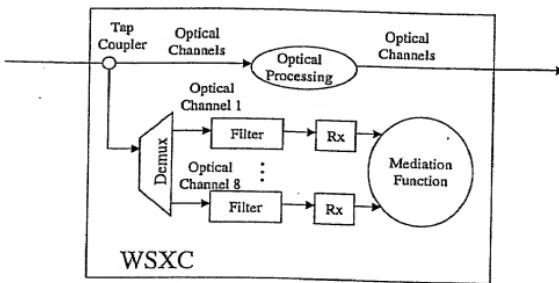
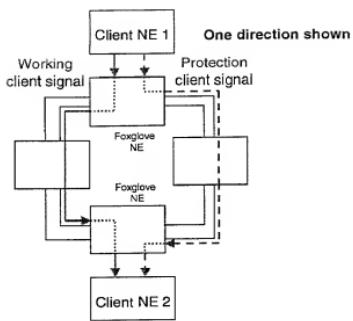
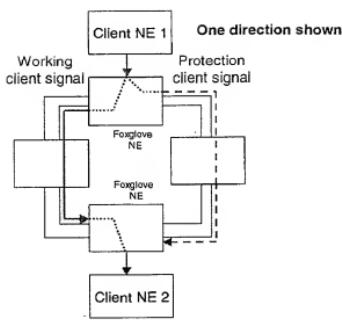


Figure 22



A



B

Figure 23

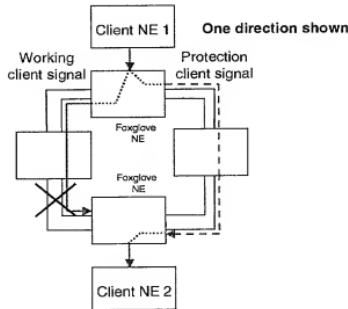
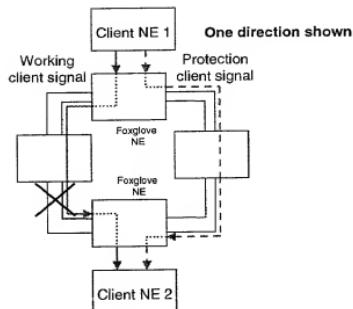


Figure 24

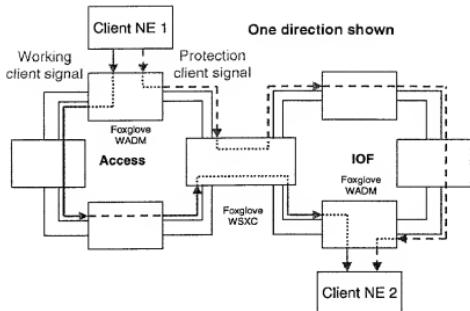


Figure 25

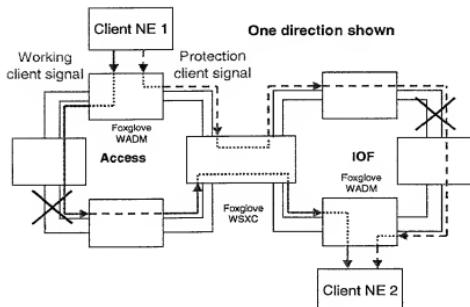


Figure 26

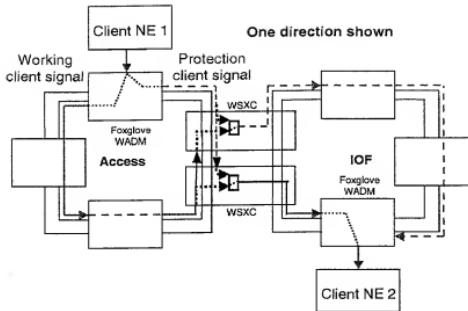


Figure 27 (Prior Art)

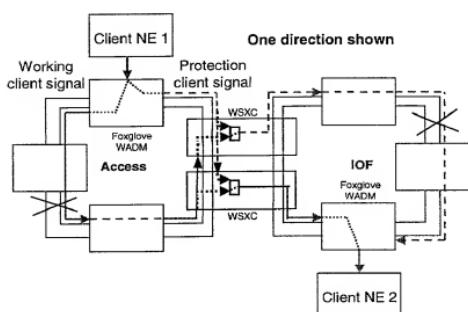


Figure 28 (Prior Art)

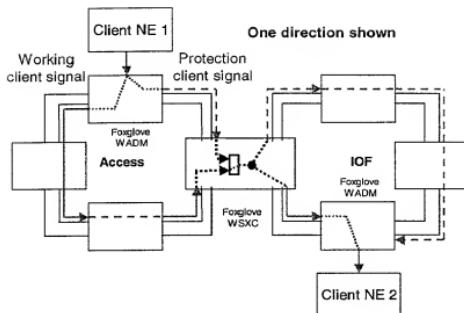


Figure 29

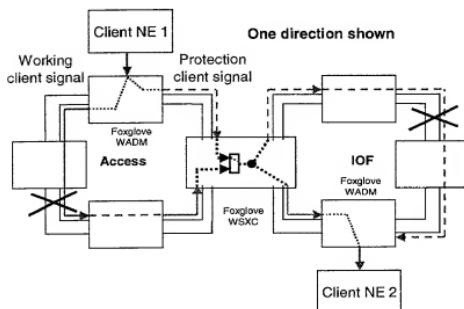


Figure 30

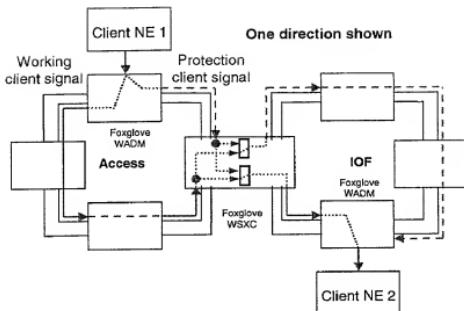


Figure 31

405750 - Shress60

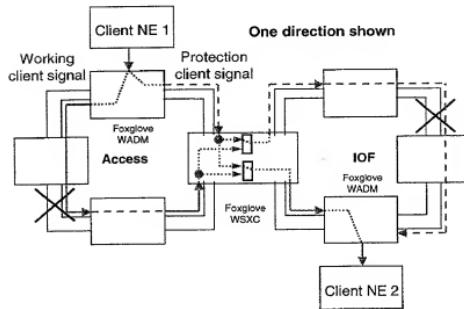


Figure 32

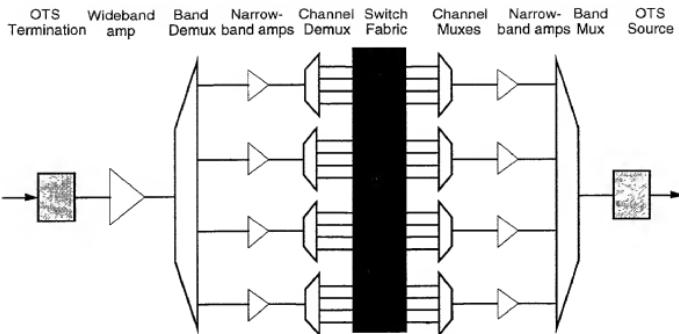


Figure 33

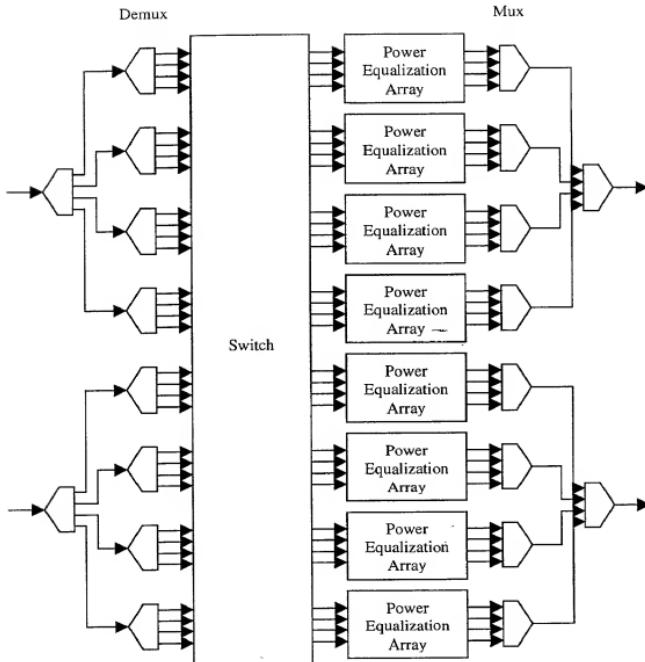


Figure 34

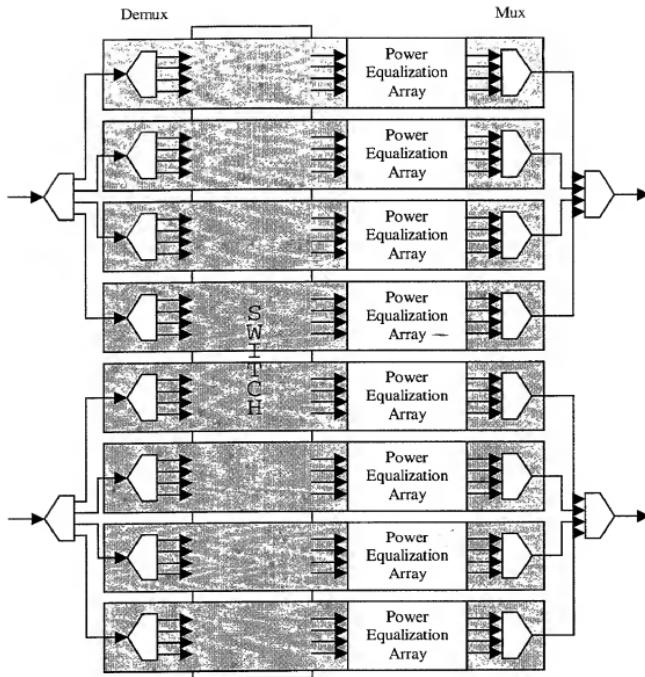


Figure 35

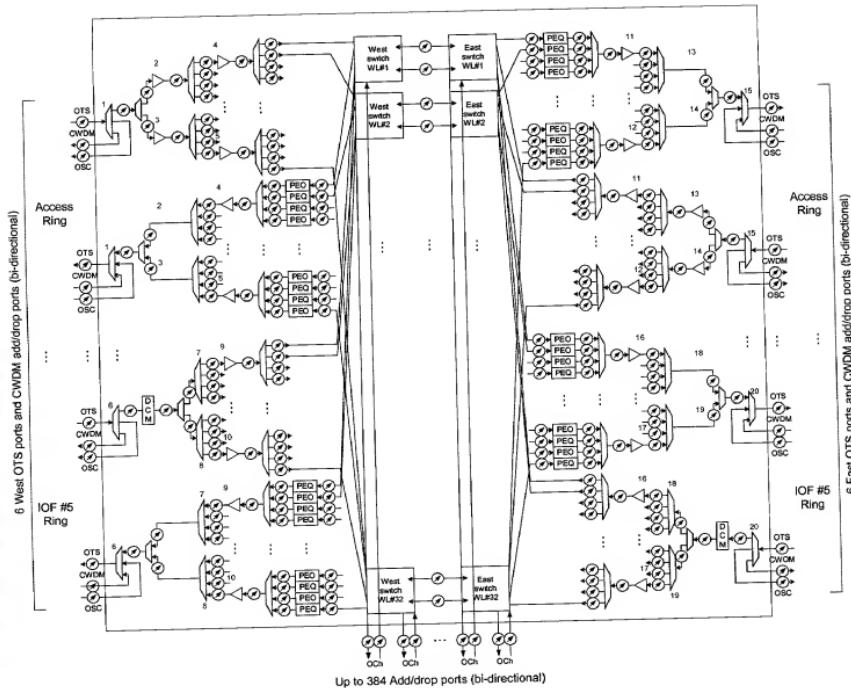


Figure 36

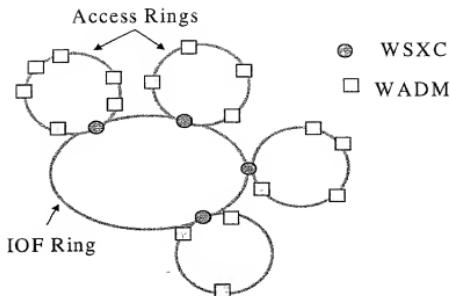


Figure 37

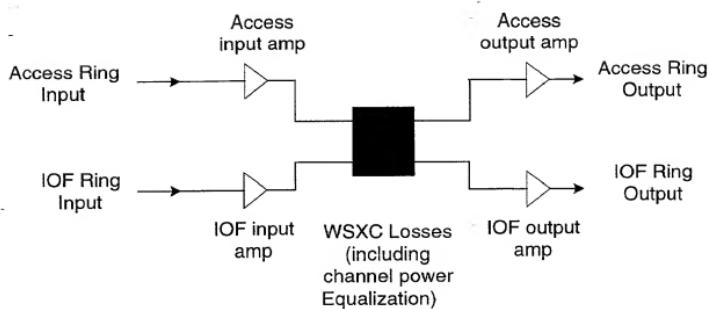


Figure 38